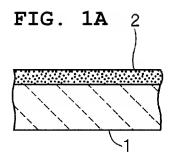
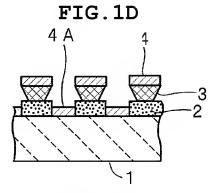
Keating & Bennett, LLP 36856.1436 Michio KADOTA et al. SURFACE ACOUSTIC WAVE DEVICE Page 1 of 27





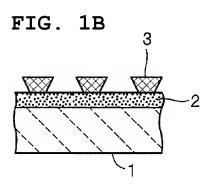
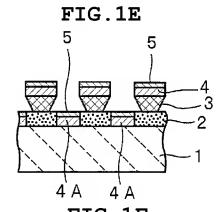
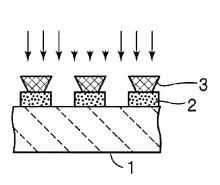
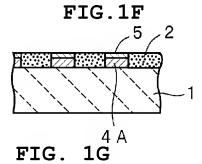
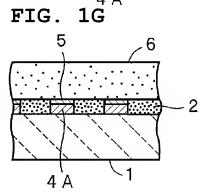


FIG. 1C



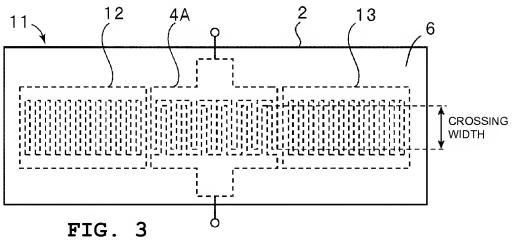






Keating & Bennett, LLP 36856.1436 Michio KADOTA et al.
SURFACE ACOUSTIC WAVE DEVICE
Page 2 of 27







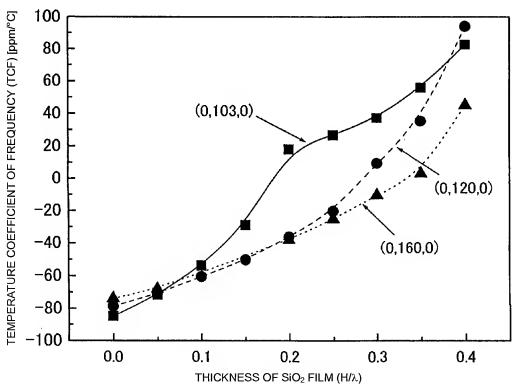


FIG. 4

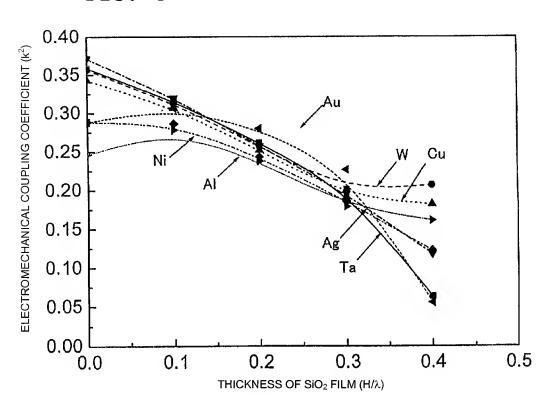
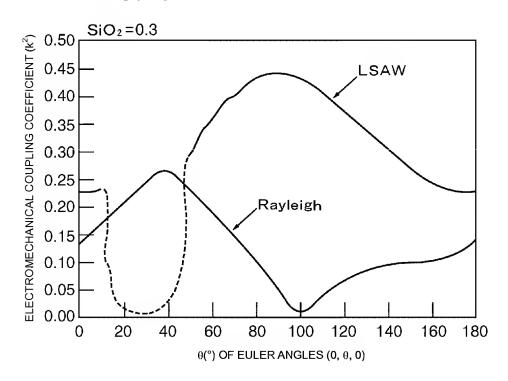
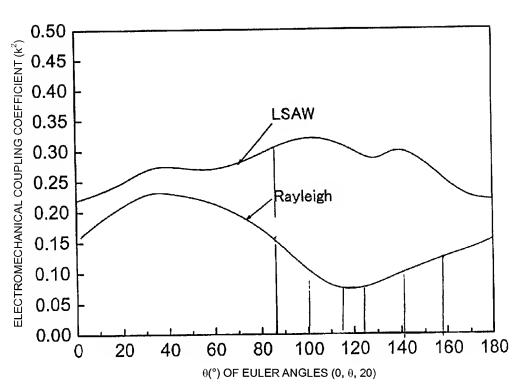


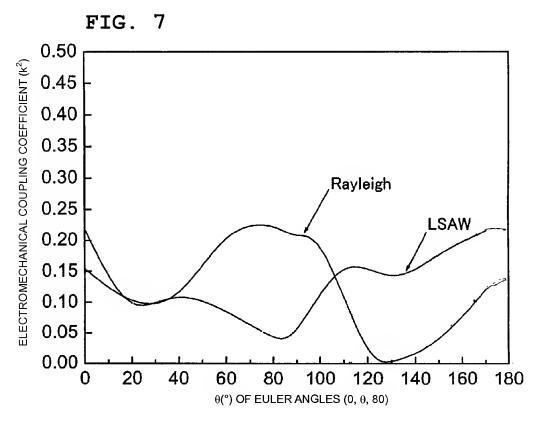
FIG. 5



Keating & Bennett, LLP 36856.1436 Michio KADOTA et al. SURFACE ACOUSTIC WAVE DEVICE Page 4 of 27

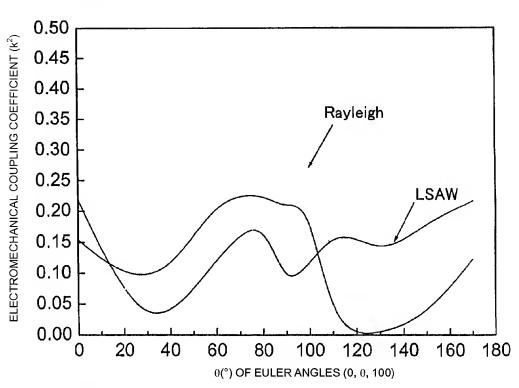




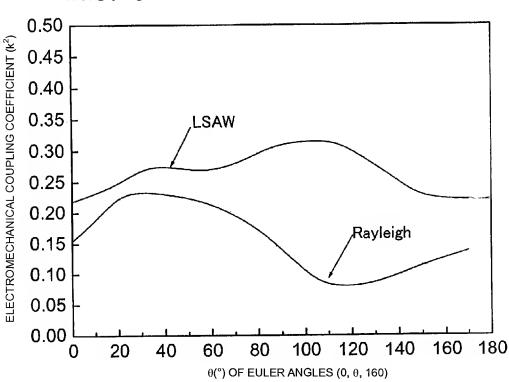


Keating & Bennett, LLP 36856.1436 Michio KADOTA et al. SURFACE ACOUSTIC WAVE DEVICE Page 5 of 27









Keating & Bennett, LLP 36856.1436 Michio KADOTA et al. SURFACE ACOUSTIC WAVE DEVICE Page 6 of 27

FIG. 10

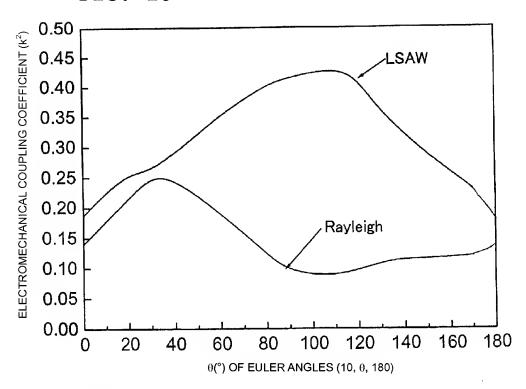


FIG. 11

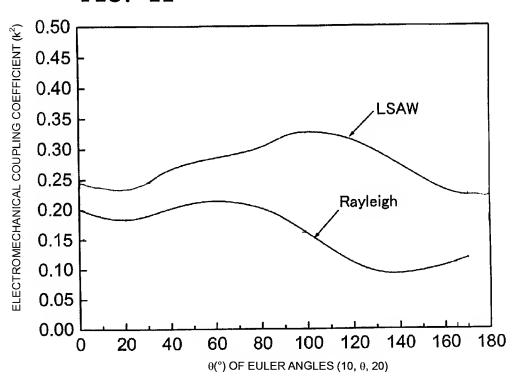


FIG. 12

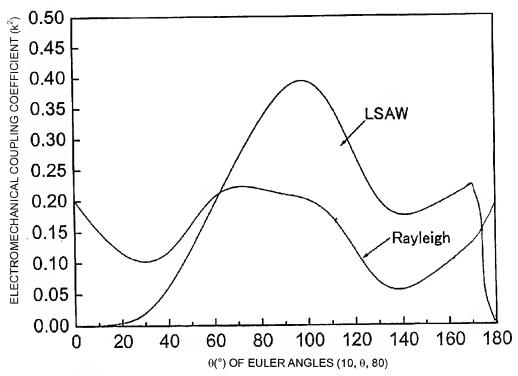


FIG. 13

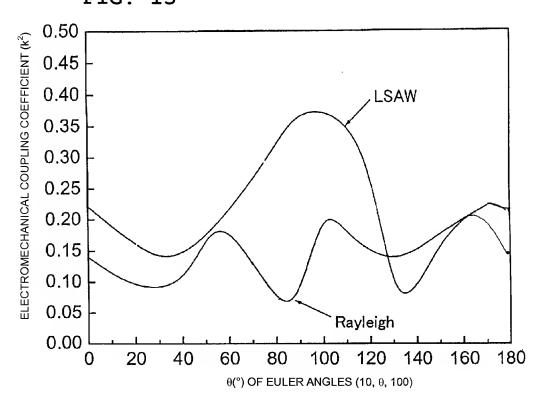
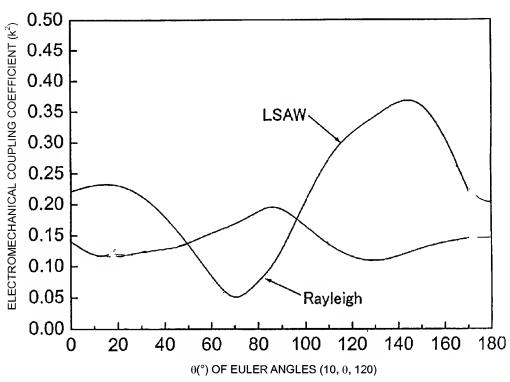
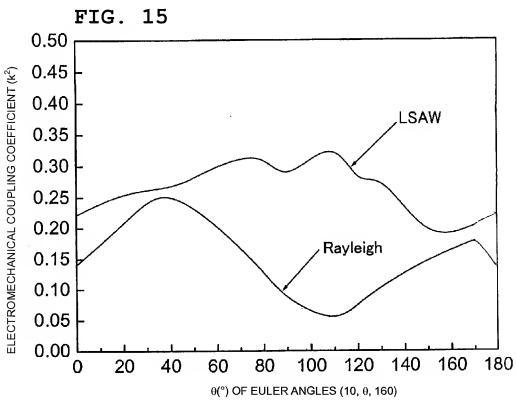
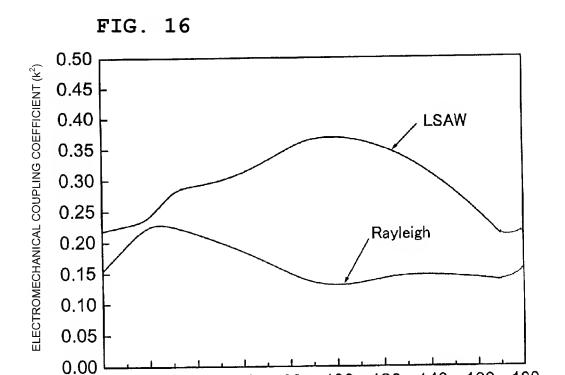


FIG. 14





Keating & Bennett, LLP 36856.1436 Michio KADOTA et al. SURFACE ACOUSTIC WAVE DEVICE Page 9 of 27



 θ (°) OF EULER ANGLES (20, θ , 0)

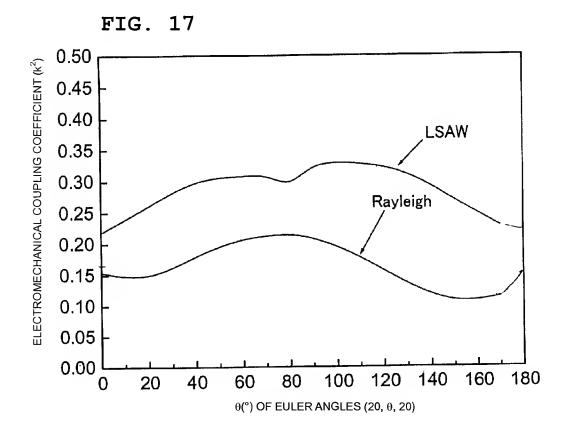


FIG. 18

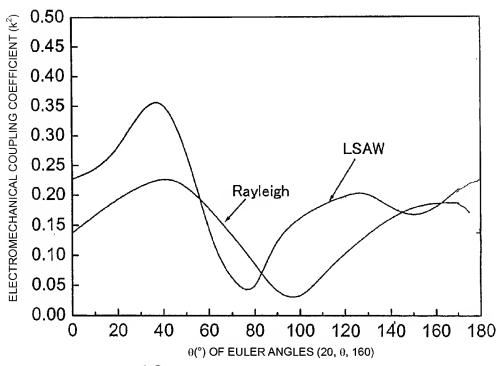
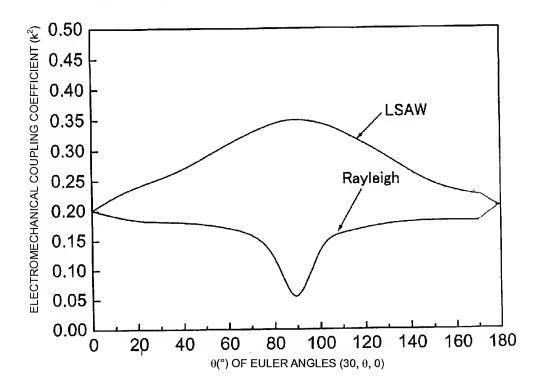
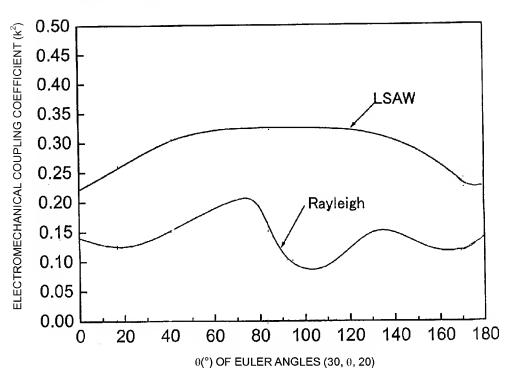


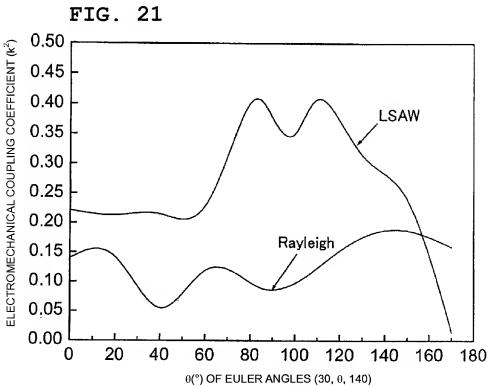
FIG. 19



Keating & Bennett, LLP 36856.1436 Michio KADOTA et al. SURFACE ACOUSTIC WAVE DEVICE Page 11 of 27

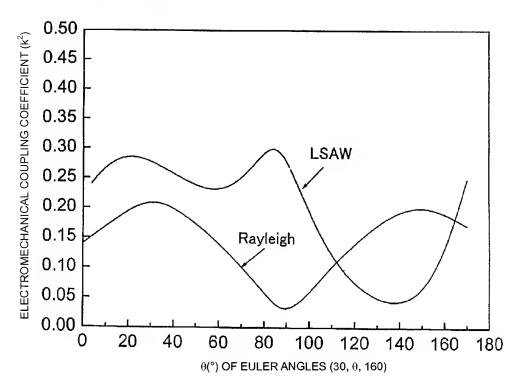






Keating & Bennett, LLP 36856.1436 Michio KADOTA et al. SURFACE ACOUSTIC WAVE DEVICE Page 12 of 27

FIG. 22



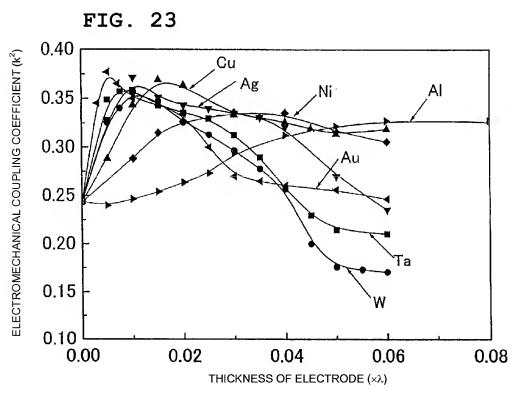
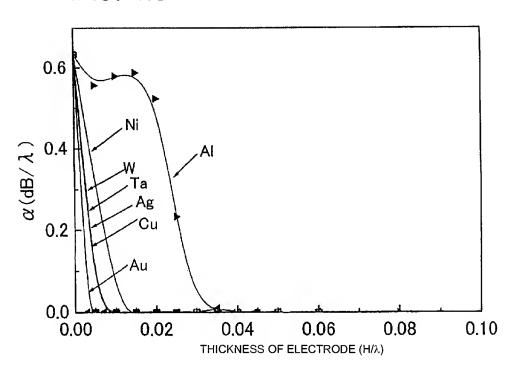
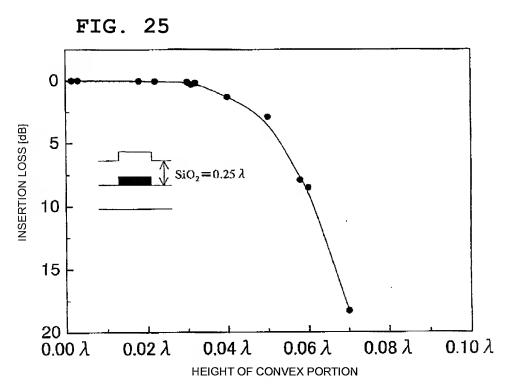


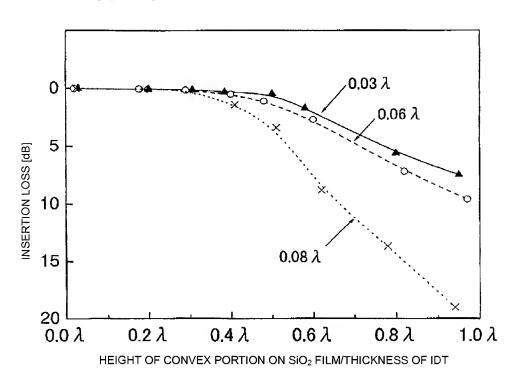
FIG. 24





Keating & Bennett, LLP 36856.1436 Michio KADOTA et al. SURFACE ACOUSTIC WAVE DEVICE Page 14 of 27

FIG. 26



Keating & Bennett, LLP 36856.1436 Michio KADOTA et al. SURFACE ACOUSTIC WAVE DEVICE Page 15 of 27

FIG. 27A

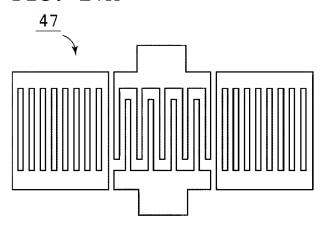
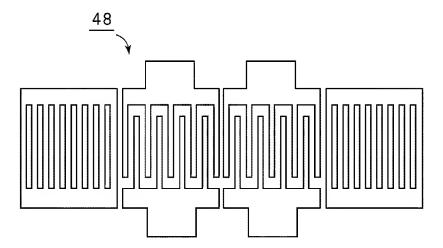
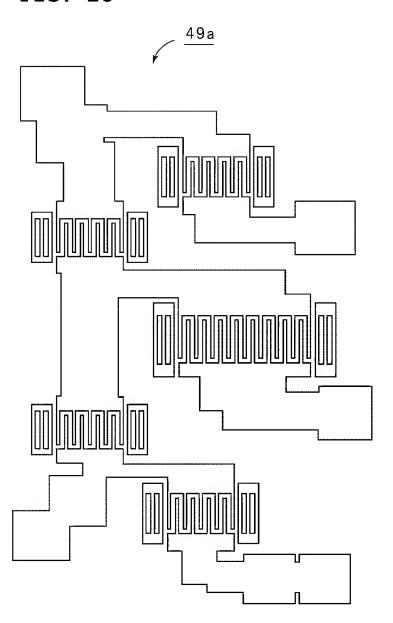


FIG. 27B

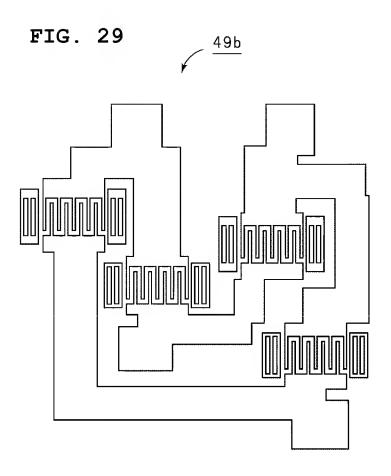


Keating & Bennett, LLP 36856.1436 Michio KADOTA et al. SURFACE ACOUSTIC WAVE DEVICE Page 16 of 27

FIG. 28



Keating & Bennett, LLP 36856.1436 Michio KADOTA et al. SURFACE ACOUSTIC WAVE DEVICE Page 17 of 27



Keating & Bennett, LLP 36856.1436 Michio KADOTA et al. SURFACE ACOUSTIC WAVE DEVICE Page 18 of 27

FIG. 30A PRIOR ART

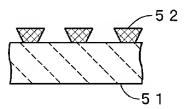


FIG.30B PRIOR ART

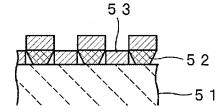


FIG.30C PRIOR ART

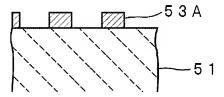
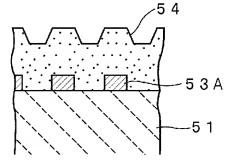


FIG.30D PRIOR ART



Keating & Bennett, LLP 36856.1436 Michio KADOTA et al. SURFACE ACOUSTIC WAVE DEVICE Page 19 of 27

FIG. 31 PRIOR ART

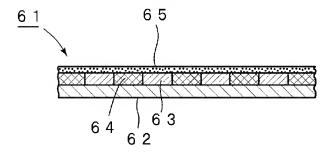
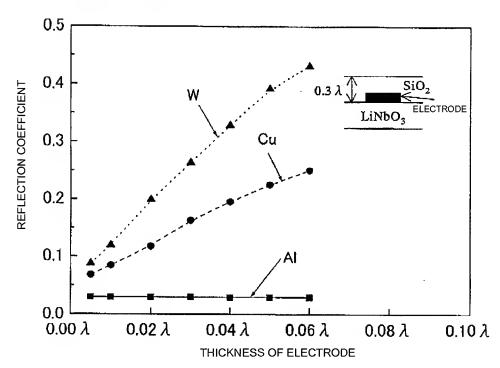


FIG. 32



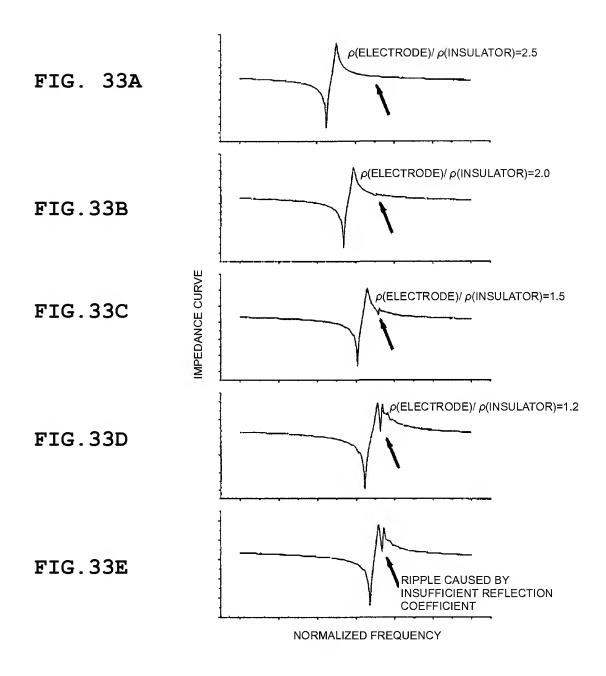


FIG. 34

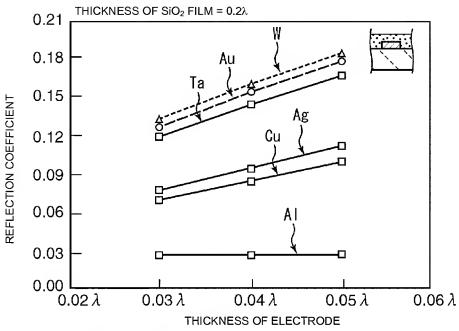


FIG. 35

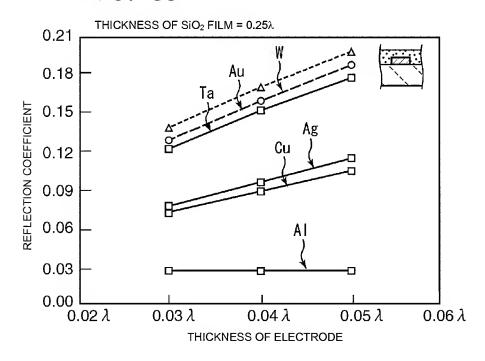


FIG. 36

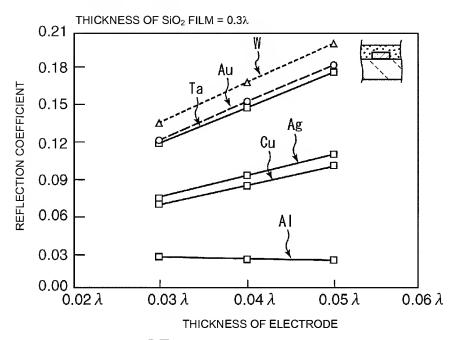


FIG. 37

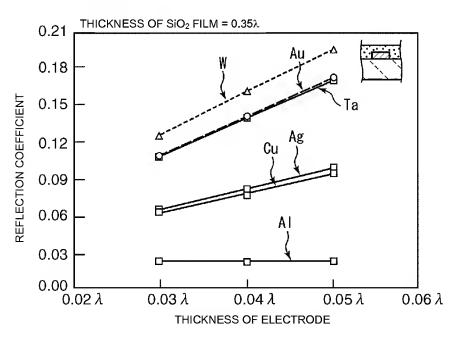


FIG. 38

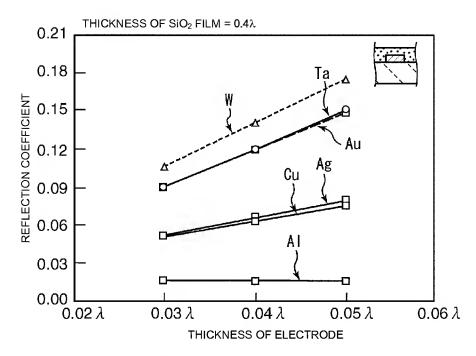


FIG. 39

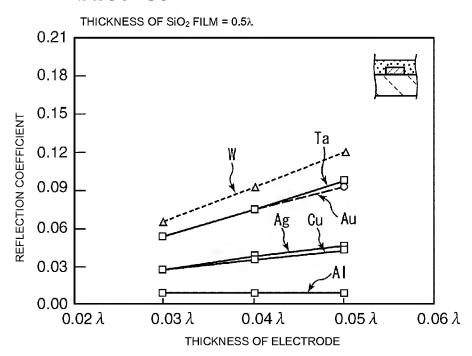


FIG. 40

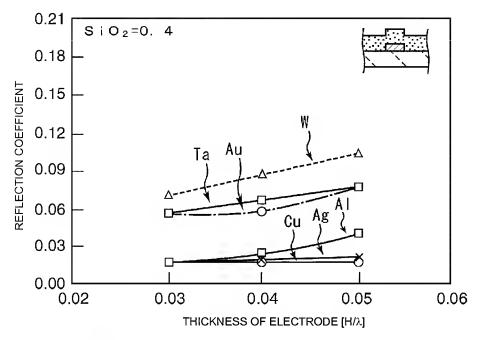
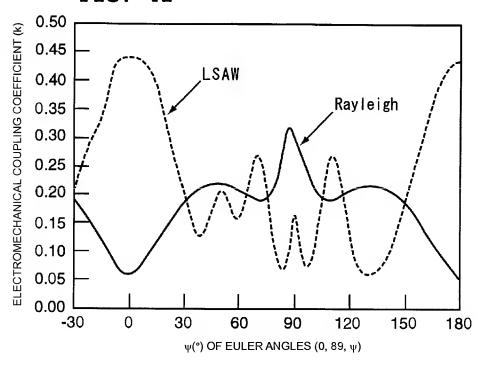
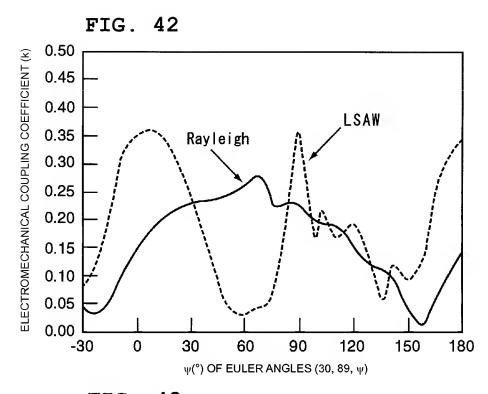
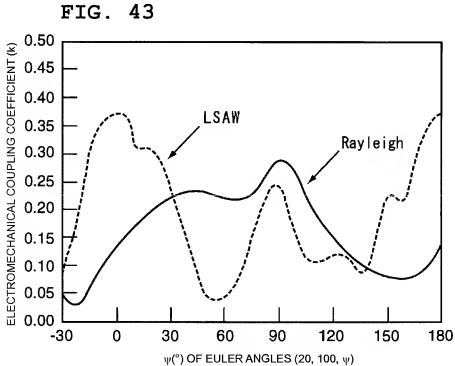


FIG. 41

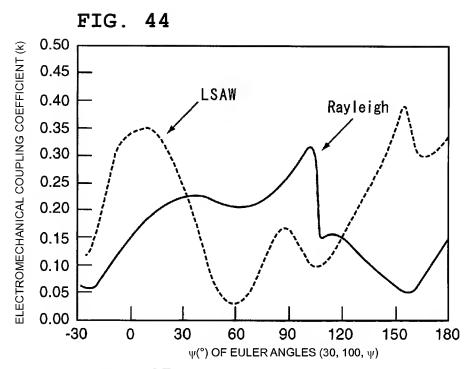


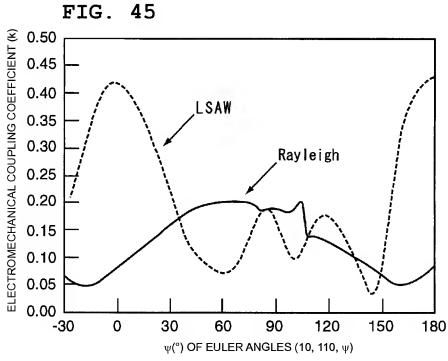
Keating & Bennett, LLP 36856.1436 Michio KADOTA et al. SURFACE ACOUSTIC WAVE DEVICE Page 25 of 27





Keating & Bennett, LLP 36856.1436 Michio KADOTA et al. SURFACE ACOUSTIC WAVE DEVICE Page 26 of 27





Keating & Bennett, LLP 36856.1436 Michio KADOTA et al. SURFACE ACOUSTIC WAVE DEVICE Page 27 of 27

